

PUBLICATIONS:

Selected Literatures

Tanaka T, Naquet R: Kindling effect and sleep organization in cats.

Electroencephalogr Clin Neurophysiol, 39:449-454, 1975

Tanaka T, Naquet R: Epilepsy and sleep organization in baboon *Papio papio*.

Electroencephalogr Clin Neurophysiol, 41:580-586, 1976

Tanaka T; Modification of amygdalo-cortical evoked potentials by kindling and pentetrazol-induced generalized convulsion in cats. *Electroencephalogr Clin Neurophysiol*, 43:675-678, 1977

Tanaka T, Kaijima M, Daita G, Ohgami S, Yonemasu Y: Electroclinical features of kainic acid-induced status epileptics in freely moving cats. Microinjection into the dorsal hippocampus. *Electroenceph. Clin. Neurophysiol.*, 54, 288-300, 1982

Tanaka S, Kondo S, Tanaka T, Yonemasu Y: Long-term observation of the rats after unilateral intraamygdaloid injection of kainic acid. *Brain Res.* 463, 162-167, 1988

Tanaka S, Sako K, Tanaka T, Yonemasu Y: Regional calcium accumulation and kainic acid (KA)-induced limbic seizure status in rats. *Brain Res.* 478, 385-390, 1989

Tanaka T, Kaijima M, Tanaka S, Yonemasu Y: Ibotenic acid-induced nigral lesion and limbic seizure in cats. *Brain Res.* 498, 215-220, 1989

Tanaka S, Sako K, Tanaka T, Yonemasu Y: Uncoupling of local blood flow and metabolism in the hippocampal CA3 in kainic acid-induced limbic seizure status.

Neuroscience ,36, 339-348, 1990

Tanaka T, Kondo S, Hori T, Tanaka S, Yonemasu Y: Various hippocampal lesions induced by multi-fractional ibotenic acid injections and amygdala kindling in rats. Brain Research, 559, 154-158,1991

Tanaka T, Tanaka S, Fujita T, Takano K, Fukuda H, Sako K, Yonemasu Y: Experimental complex partial seizures induced by a microinjection of kainic acid into limbic structures. Prog. in Neurobiol.,38,317-334,1992

Takano K, Tanaka T, Fujita T, Nakai H, Yonemasu Y : Zonisamide: Electrophysiological and metabolic changes in kainic acid-induced limbic seizures in rats. Epilepsia, 36, 644-648, 1995

Hashizume K, Tanaka T: Multiple subpial transection in kainic acid-induced focal cortical seizure. Epilepsy Research, 32: 389-399, 1998

Maeda T, Hashizume K, Tanaka T; Effect of hypothermia on kainic acid-induced limbic seizures: an electroencephalographic and ¹⁴C-deoxyglucose autoradiographic study. Brain Research, 818:228-235, 1999

Hashizume, K, Tanaka T: Antiepileptic effect of nefiracetam on kainic acid-induced limbic seizure in rats. Epilepsy Research 39(3): 221-228, 2000.

Sawamura A, Hashizume K, Yoshida K, Tanaka T: Kainic acid-induced substantia nigra seizure in rats: behavior, EEG and metabolism. Brain Research, 911: 89-95, 2001

Sawamura A, Hashizume K, Tanaka T: Electrophysiological, behavioral and metabolic features of globus pallidus seizures induced by a microinjection of

kainic acid.

Brain Research, 935: 1-8, 2002

Tatsuya Tanaka, Hiroshige Tsuda, Kiyotaka Hashizume, Juro Sakurai, Akira Hodozuka and Hirofumi Nakai: Clinical application of experimental cortical dysplasia in rats. Journal of Child Neurology, 20: 351-356, 2005

Takebayashi S, Hashizume K, Tanaka T, Hodozuka A: The effect of electrical stimulation and lesioning of the anterior thalamic nucleus on kainic acid-induced focal cortical seizure status in rats. Epilepsia, 48 : 348-358, 2007

Takebayashi S, Hashizume K, Tanaka T, Hodozuka A: Anti-convulsant effect of electrical stimulation and lesioning of the anterior thalamic nucleus on kainic acid-induced focal limbic seizure in rats. Epilepsy Research, 74:163-170, 2007

Kato K, Urino T, Hori T, Tsuda H, Yoshida K, Hashizume K and Tanaka T; Experimental Petit Mal-Like Seizure Induced by Microinjection of Kainic Acid Into the Unilateral Mediodorsal Nucleus of the Thalamus, Neurologia medico-chirurgica, 48: 285-291, 2008

Urino T, Hashizume K, Maehara M, Kato K, Okada Y, Hori T and Tanaka T; Epileptic Focus Stimulation and Seizure Control in the Rat Model of Kainic Acid-Induced Limbic Seizures, Neurologia medico-chirurgica, 50:355-360, 2010

(Excluded more than 100 Articles in Japanese).

Book

Cepeda C, Tanaka T: Limbic status epilepticus and sleep in baboons. In "Sleep and Epilepsy", Ed by Sterman MB, Shouse MN, Passouant P, Academic Press New

York, 165-172, 1982

Tanaka T, Makino K, Fukuda H, Nakai H, Yonemasu Y: Cerebral ischemia and kainic acid-induced limbic seizures in cats、 In "Cerebral blood flow, metabolism and epilepsy"、 Ed by Baldy-Moulinier M, Ingvar DH, Meldrum BS, John Libbey Eurotext, London,224-230,1983

Hashizume A, Rondouin G, Tanaka T: Quisqualic acid-induced limbic seizures and spontaneous recurrent limbic seizures in a long-term course. In "Cerebral blood flow, metabolism and epilepsy"Ed by Baldy-Moulinier M, Ingvar DH, Meldrum BS, John Libbey Eurotext, London, 211-216, 1983

Naquet R, Tanaka T, Cepeda C: Epileptic manifestations and influence on sleep in the baboon *Papio papio*. In "Epilepsy, sleep and sleep deprivation"、 Eds by Degen R, Niedermeyer E, Elsevier Scientific Publishers BV, Amsterdam, 47-57,1984

Polkey C, Awad I, Tanaka T, Wyler A: The place of reoperation、 In ""Surgical Treatment of the Epilepsies."" The Second Edition. Ed. Jerome Engel, Jr., 1993 Raven Press, New York", 663-667, 1993

Tanaka T, Kunimoto M, Hashizume K, Yoshida K, Fukuda H, Tanaka S, Yonemasu Y:

Basic approaches to the human complex partial seizures: Physiology, metabolism and pathology, in: The hippocampus: Functions and clinical relevance. ed: Kato N, Elsevier Science B.V., pp 209-218, 1996.

Hashizume K, Tanaka T, Yonemasu Y: The experimental septal seizures and hippocampus, in: The hippocampus: Functions and clinical relevance. ed: Kato N, Elsevier Science B.V., pp 235-238, 1996.

Yoshida K, Tanaka T: Benzodiazepine receptor imaging with ¹²⁵I-iomazenil in kainic acid-induced limbic seizure, in: The hippocampus: Functions and clinical relevance, ed: Kato N, Elsevier Science B.V., pp 219-223, 1996.

Makihara S, Hashizume K, Tanaka T, Yonemasu Y: Histological substrates in kainic acid induced seizures, in: The hippocampus: Functions and clinical relevance, ed: Kato N, Elsevier Science B.V., pp 225-228, 1996.

Tanaka T, Kunimoto M, Hashizume K, Yonemasu Y: Multiple subpial transections in animal experiments: behavioral, neurophysiological, metabolic and pathological changes. In: Pediatric Epilepsy Syndromes and Their Surgical Treatment, Eds. Tuxhorn I, Holthausen H and Boenigk H. John-Libbey Eurotext, London, 1997, pp857-864

Tanaka T, Kunimoto M, Hashizume K, Yonemasu Y, Luders HO: Multiple subpial transection in the treatment of neuronal migration disorders: Basic and clinical approaches. In: The Epilepsies: Etiologies and Prevention, Ed. Luders HO, Kotagal P, Academic Press, New York, 1999, pp113-120.

Tanaka T, Hashizume K, Kunimoto M, Maeda T, Hodozuka A, Nakai H: Multiple subpial transection versus callosal section in the treatment of experimentally induced cortical focal seizures. In: Epilepsy Surgery, 2nd Edition, (Eds) H O Luders and Y Comair, Lippincott Williams & Wilkins, New York, 2001, pp 801-806

Tanaka T, Hashizume K, Yoshida K, Tsuda H, Hodozuka A, Nakai H: Surgical treatment of intractable epilepsy: Experimental approach. In: The proceeding of the 2nd International Mt. Bandai Symposium for Neuroscience 2001, (Ed.) K. Watanabe, Ishii Densan Printing Co., Koriyama, 2001, pp 344-346

Tanaka T, Hashizume K, Sawamura A, Yoshida K, Tsuda H, Hodozuka A, Nakai H:
Deep brain stimulation and experimental model of epilepsy. In: Deep brain stimulation
and epilepsy. Ed: Hans Otto Luders, Martin Dunitz, London, pp209-214. 2004

Tanaka T, Hodozuka A, Hashizume K, Kunitomo M, Takebayashi S
Experimental multiple subpial transection: is it still indicated?
In:Textbook of Epilepsy Surgery, Ed: Hans Otto Luders, Taylor & Francis, Boca
Raton, USA., pp1133-1137, 2008

Tanaka T (Ed.)
Asahikawa Epilepsy Surgery Research IV, Sasaki Print Ltd., Asahikawa, Japan,
pp1-46, 2008